PURPOSE: To reduce operation for selecting a data storing means at the time of referring to data and to improve through-put by storing data relating to the same subject in the same data storing means.

CONSTITUTION: An optical disk auto-changer(ODAC) 4 is used as a data storing means and a control device 2 is constituted of a data file control part 2A for storing data in the ODAC 4 and retrieving data from the ODAC 4 at the time of referring to data and a data managing part 2B for managing the recording condition of the ODAC 4 in an optical disk(OD). Since the control device 2 is provided with the data managing part 2B, an OD can be selected in accordance with a condition for storing data relating at least to the same subject in the same storing means, or preferably a condition based upon any one of data capacity, an annexted information item and a period previously set up in each of plural ODs or in each group of two ODs or more or the combinations of the set DIALOG(R)File 347:JAPIO

04167333
PICTURE STORAGE COMMUNICATION SYSTEM

ABSTRACT

PURPOSE: To reduce communication quantity between management parts and the operation load of an additional information management part in a system which is provided with picture management parts and the additional information management part and which receives a processing request in the additional information management part.

CONSTITUTION: One additional information management part 10 is connected to LAN 1 and the plural picture management parts 11a-11d are connected to LAN 1 and 2. A modality 4 and a work station 5 are connected to LAN 1 and 2. The additional information management part 10 receives a picture registration request, issues a logical address (identification code) and returns it with a transfer destination to the modality 4. At that time, the retrieval table 24 of characteristic information and the logical address is generated. The picture management part 11a (...11d) registers a picture and generates the address table 32 of the logical address and a physical address. When the additional information management part 10 receives an access request, it retrieves the logical address and transmits the logical address and a request content to the picture management part 11a (...11d). The picture management part retrieves the physical address from the table 32 and executes a processing.

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MEDICAL IMAGE ARCHIVE COMMUNICATION SYSTEM